

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 011573-2

10/010,440

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Kari KIRJAVAINEN, et al.

(Use several sheets if necessary)

FILING DATE

GROUP

November 8, 2001

3754

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
JA	AA	3 4 2 5 4 5 5	2/1969	Kilpert, et al.	138	143	
JA	AB	4 6 4 0 3 1 3	2/1987	Stanley	138	141	
JA	AC	4 7 8 3 8 1 7	11/1988	Hamada et al.	381	71	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	AD	1 4 0 7 0 4 3	9/1975	GB			X	
	AE	0 0 4 8 5 2 2	3/1982	EP			X	
	AF	5 9 3 8 1 5	11/1988	AU			X	
	AG	2 2 1 8 7 7 3	11/1989	GB			X	
	AH	4 0 3 9 7 5 7	4/1992	DE				X
	AI	0 3 5 3 9 7 7	2/1990	EP			X	
	AJ	0 0 2 4 2 2 0	2/1981	EP				X
	AK	0 5 8 1 2 0 8	2/1984	EP				X
	AL	3 5 1 1 3 7 1	10/1986	DE				X
	AM	2 7 2 5 2 2 4	12/1978	DE				X
	AN	0 0 5 3 0 2 5	11/1983	EP			X	
	AO	4 6 2 7 6 2	8/1990	SE				X
	AP	5 7 9 1 8 4	6/1933	DE				X
	AQ	0 1 1 1 1 0 9	8/1984	EP				X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	
AS	
AT	

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AA							
AB							
AC							

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
AD	5 2 8 3 8 7 8	11/1993	JP				X
AE	7 9 1 5 8 8	4/1995	JP				X
AF	5 4 1 5 0 4 8 6	11/1979	JP				X
AG	4 2 8 2 1 8 8	9/1992	JP				X
AH	4 5 0 4 4 5 8	8/1992	JP				X
AI	3 1 4 3 9 2	2/1991	JP				X
AJ	1 0 5 1 1 6 1 9	11/1998	JP				X
AK	5 8 1 6 8 3 1	1/1983	JP				X
AL	5 2 2 0 7 3 9	8/1993	JP				X
AM	5 2 4 9 8 6	1/1987	JP				X

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AN	Partial Translation of JP 5-200070/93 dated November 8, 1993
AO	Partial Translation of JP 7-91588 dated April 4, 1995
AP	English translation of the title of JP 54-150488 dated November 28, 1979
AQ	English translation of the title of 4-262188 dated September 17, 1992
AR	English translation of the title of 4-504458 dated August 6, 1992
AS	English translation of the title of 3-14392 dated February 13, 1991
AT	Partial Translation of JP 58-16831 dated January 31, 1983
AU	Partial Translation of JP 5-220739 dated August 31, 1993
AV	Partial Translation of JP 62-4988 dated January 10, 1987

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INFORMATION DISCLOSURE
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Kari KIRJAVAINEN, et al.

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3759

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA	3 4 2 5 4 5 5	2/1989	Kilpert et al.	100	143	
AB						
AC						
AD						
AE						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
AF	0 9 3 0 0 7 7 3	4/1984	EP			X	
AG	2 0 5 1 3 9 0	4/1972	DE				X
AH	1 4 5 4 7 8 2	5/1969	DE				X
AI	3 9 2 0 4 5	9/1986	CH				X
AJ	5 6 8 1 4 8	10/1975	CH				X
AK	0 4 1 0 5 0 3	1/1991	EP				X
AL	8 4 8 4 2 3	9/1960	GB				X
AM	0 4 0 1 9 2 0	5/1984	WO			X	
AN	0 4 7 2 4 1 9	2/1992	EP			X	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AO	Patent Abstracts of Japan of JP 58-27040 dated February 17, 1983
AP	Richard, K., et al. "Verfestigte Rohre aus Ziegler-Polyathylen" Kunststoffe, Vol. 50, No. 7, p. 371-375, (1960)
AQ	Derwent's abstract no. 93-079947 of JP 50 024109 dated February 2, 1993
AR	Derwent's abstract no. 89-175386 of JP 11 14410 dated January 14, 1986

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JH	AA	3 3 1 4 1 0 8	4/1967	M. Wienand et al.	18	12	
JH	AB	5 3 8 7 3 8 6	2/1995	Kirjavainen	264	173	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
													YES	NO
	AL	1	0	9	2	1	8	8	11/1980	DE				X
	AM		3	7	2	2	1	4	3/1923	DE				X
	AN	0	1	5	0	7	1	5	9/1985	EP			X	
	AO													
	AP													

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

AR	Derwent's Abstract no. 88-291009/41 of SU 1384-394 dated January 14, 1986
AS	
AT	

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